

INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP2004/017969

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G21K5/00 B01J19/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G21K B01J F01N B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 639 401 A (THE BOC GROUP PLC; THE UNIVERSITY OF BIRMINGHAM) 22 February 1995 (1995-02-22) abstract; claim 2; figures 1,2; table 1	1,5-7, 10,11, 13-15,20
Y	-----	2-4,8,9, 12,16,21
Y	EP 0 989 577 A (MATSUSHITA ELECTRIC WORKS, LTD) 29 March 2000 (2000-03-29) paragraph '0026!	2,12,21
Y	----- US 6 345 497 B1 (PENETRANTE BERNARDINO M) 12 February 2002 (2002-02-12) column 5, lines 32,58; figure 1 ----- -/-	3,8,9



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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Date of the actual completion of the international search

6 September 2005

Date of mailing of the international search report

22/09/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.
Fax: (+31-70) 340-3016

Authorized officer

Oestreich, S

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 05, 3 May 2002 (2002-05-03) & JP 2002 006094 A (EBARA CORP), 9 January 2002 (2002-01-09) cited in the application abstract	4, 16
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